

Figure 1

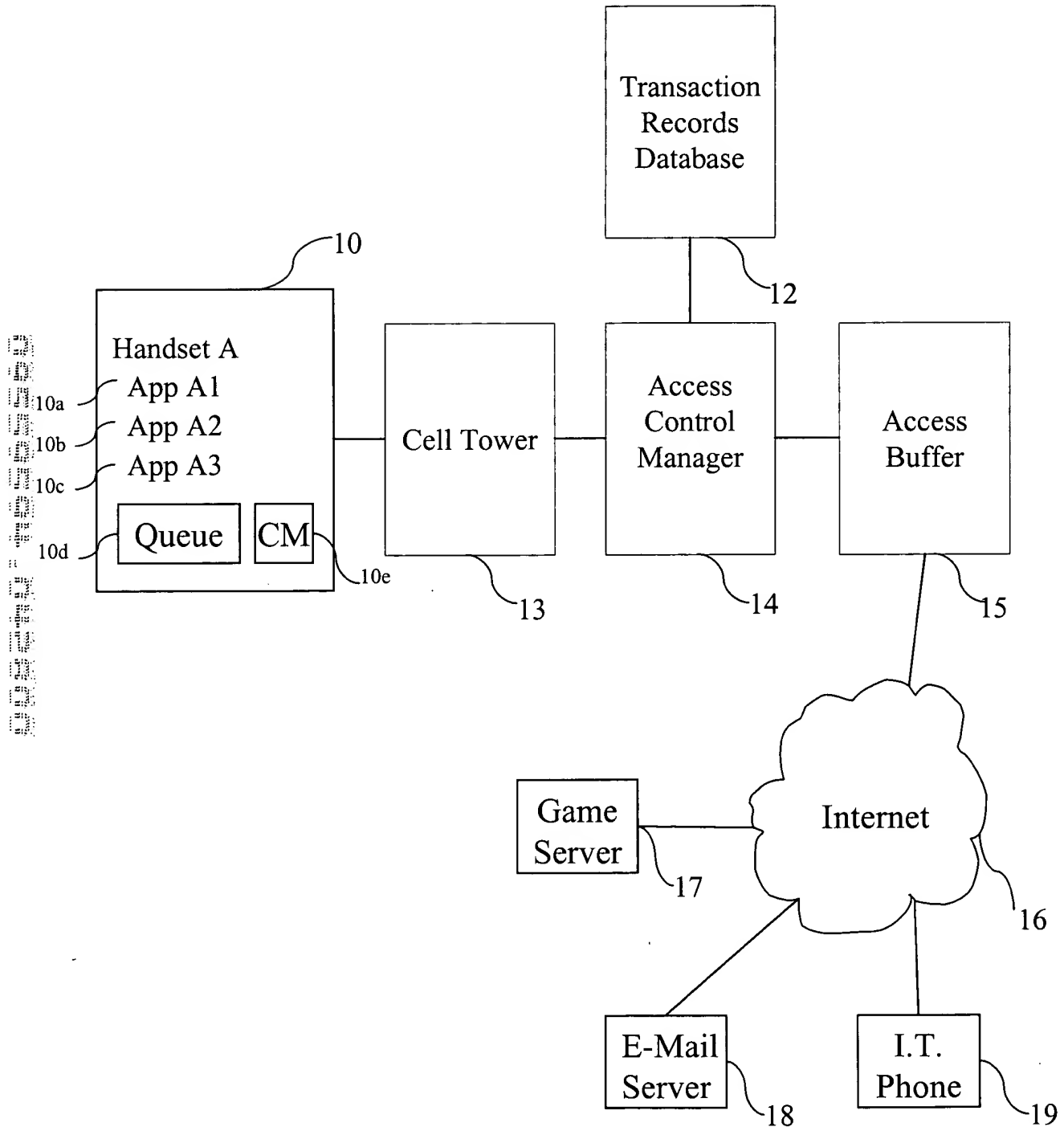


Figure 2

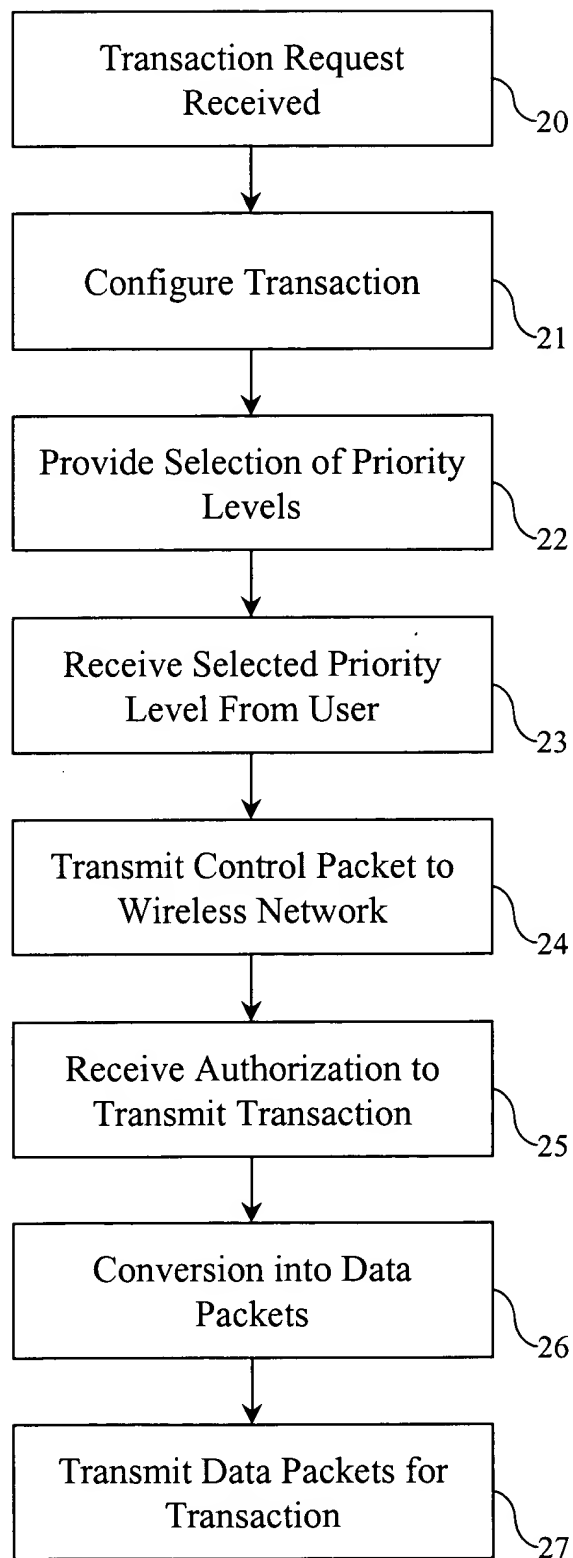


Figure 3

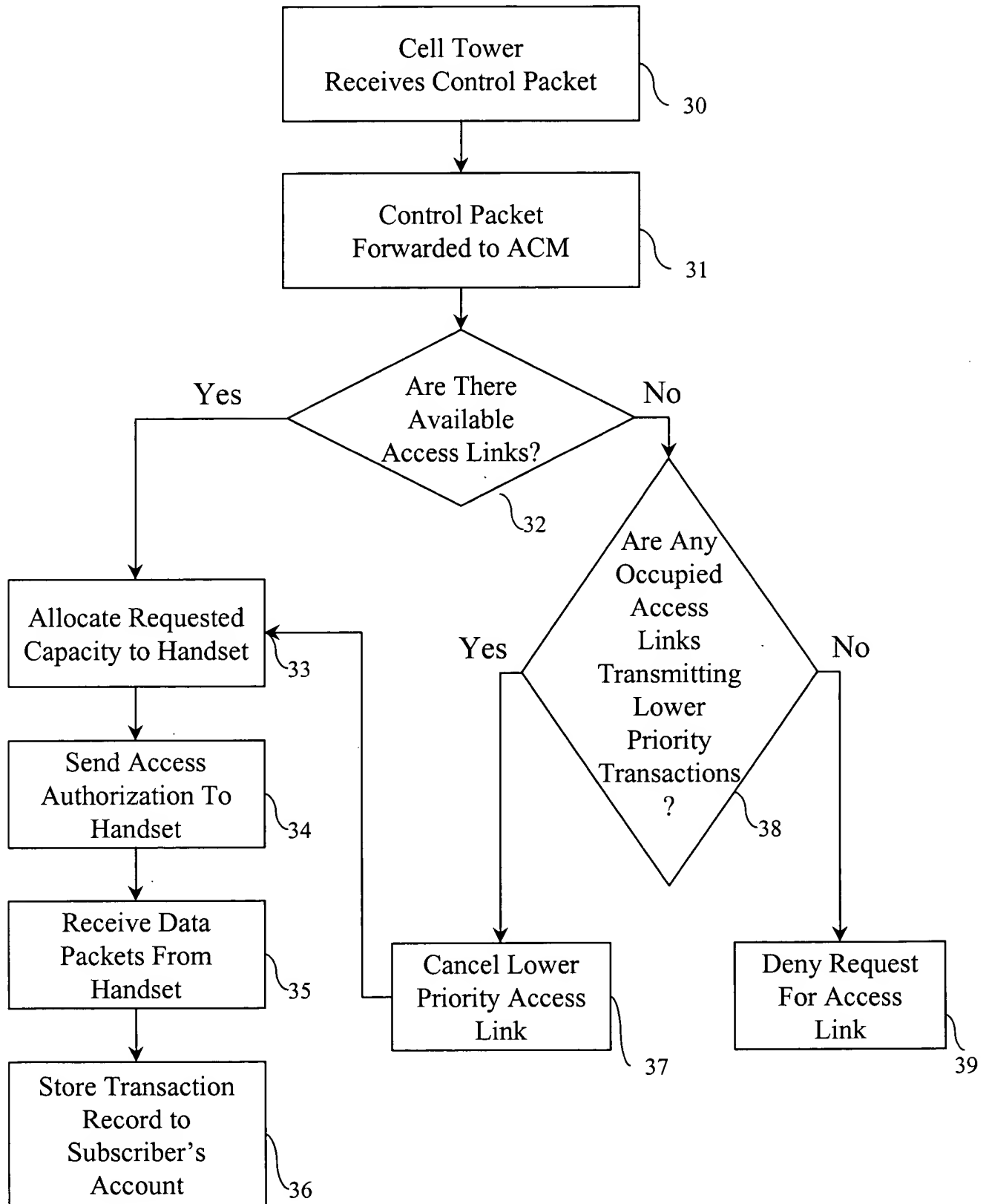


Figure 4

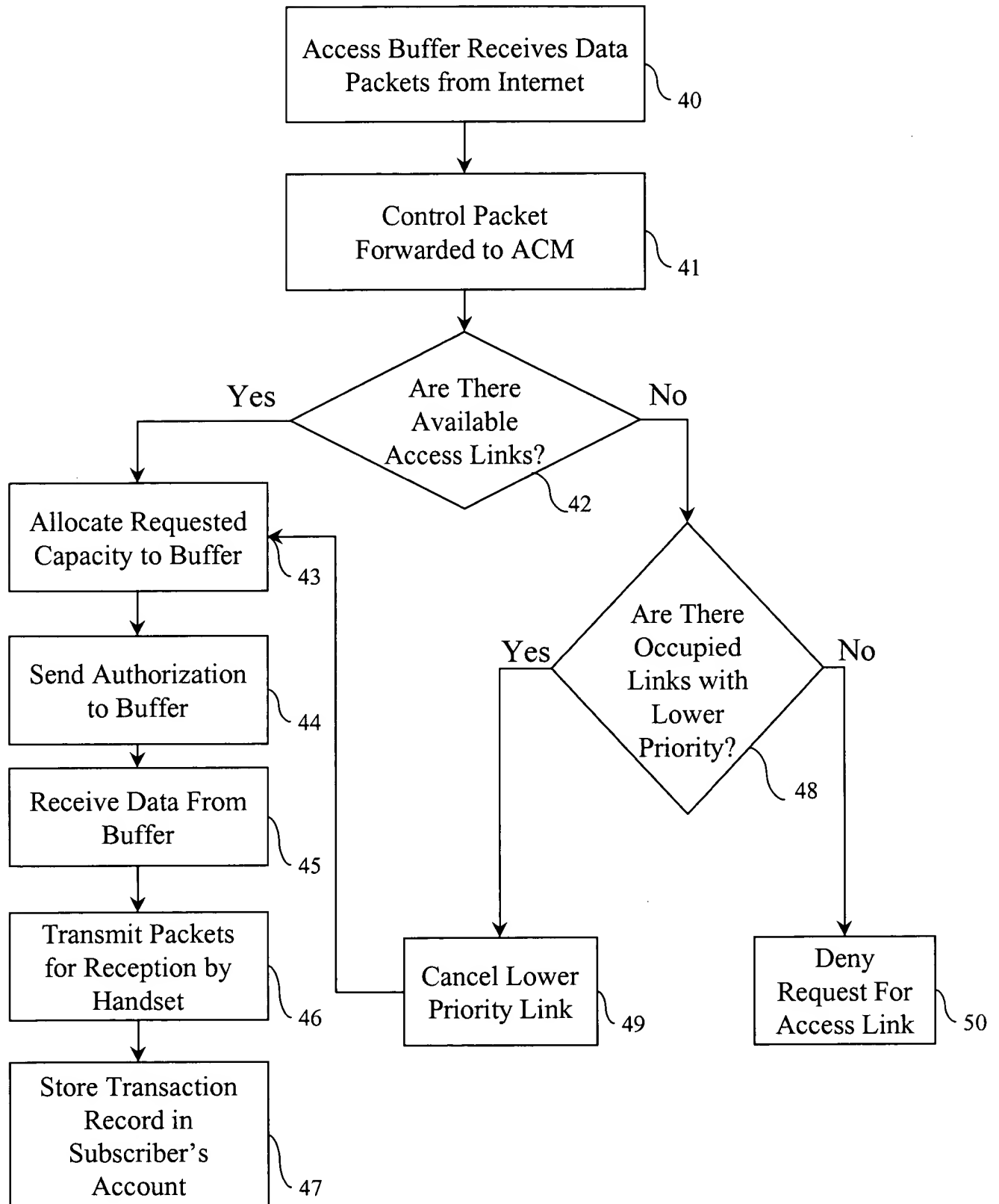


Figure 5A

Carrier	x	2	3	4
Application Developer	1	2	3	x
Customer	x	2	3	x
<hr/>				
Available Priority		2	3	

Figure 5B

Carrier	x	x	x	4
Application Developer	1	2	3	4
Customer	x	x	x	4
<hr/>				
Available Priority				4

Figure 5C

Carrier	1	2	3	4
Application Developer	1	2	3	x
Customer	1	2	3	x
<hr/>				
Available Priority	1	2	3	

Figure 6A

Time	Handset Queue (in data packets)	Handset Side	Direction	Cell Side
1	5	Send control packet	→	Receive Control Packet
2	5	—	—	Evaluate Cell Capacity
3	5	—	—	Discontinue Lower Priority Transaction
4	5	Receive Authorization		Send Authorization to Handset
5	4	Send Data Packet	→	Receive Data packet (Store in a buffer)
6	3	Send Data Packet	→	Receive Data Packet
7	2	Send Data Packet	→	Receive Data Packet
8	2	Receive Discontinue Message		Generate Discontinue Message
9	2	—	—	Provide Access to Other Handsets
10	2	Receive Broadcast Message		Broadcast Available Capacity
11	2	Send Control Packet	→	Receive Request
12	2	Receive Authorization		Send Authorization
13	1	Send Data Packet	→	Receive Data Packet
14	0	Send Data Packet	→	Receive Data Packet

Figure 6B

Time	Handset A	Other Handsets	Cell Side
1	Sent Control Packet	Send Control Packet	Receive Control Packets
2	Receive Authorization	_____	Send Authorization to Handset A
3	Send Data Packet	Receive Authorization	Receive Packet from "A"/Send Authorization to "Other"
4	_____	Send Data Packet	Receive Packet from "Other"
5	Send Data Packet	Send Control Packet	Receive Data from "A" Receive Request from "Other"
6	Receive Data Packet	Receive Authorization	Send Incoming Packet to "A", & Authorization to "Other"
7	_____	Send Data Packet	Receive Data Packet from "Other"

Figure 7

Time	Handset Queue (in data packets)	Handset Side	Direction	Cell Side
1	AAAA	Request Access Level 2	→	Receive Request w/Priority 2
2	BBAAAA	Receive Authorization		Send Authorization
3	BBAAAA	Send Data Packet A	→	Receive Data Packet A
4	BBAA	Send Data Packet A	→	Receive Data Packet A
5	BBAA	Receive Discontinue Message		Send Discontinue Message
6	BBAACC	Request Access for Level 1	→	Receive Request for Priority 1
7	BBAAC	Receive Authorization		Send Authorization
8	BBAA	Send Data Packet C	→	Receive Data Packet C